

20020117.qrp v02\_n438.qrl.20020117

Date: Thu, 17 Jan 2002 19:03:11 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2438

QRP-L Digest 2438

Topics covered in this issue include:

- 1) [117679] Re: QRP Mobile w/Hamsticks  
by "John J. McDonough" <wb8rcr@arrl.net>
- 2) [117680] Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)  
by "Brice D. Hornback" <bdh@cyberbound.net>
- 3) [117681] Nd magnets sold here:  
by Jeff Furman <jfurman@ocs.net>
- 4) [117682] Looking for 17m and 24m xtals for Omni-C  
by "NZ8J" <timcook@erinet.com>
- 5) [117683] Re: Nd magnet source?  
by "David Porter" <aa3ur@home.com>
- 6) [117684] Re: Looking for 17m and 24m xtals for Omni-C  
by "NZ8J" <timcook@erinet.com>
- 7) [117685] Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)  
by "Brice D. Hornback" <bdh@cyberbound.net>
- 8) [117686] Re: Nd magnet source ?  
by "David Porter" <aa3ur@home.com>
- 9) [117687] Re: QRP Mobile w/Hamsticks  
by "Francis Callahan" <colcal@srv.net>
- 10) [117688] Re: QRP Mobile w/Hamsticks  
by "Brice D. Hornback" <bdh@cyberbound.net>
- 11) [117689] Rock Around the Clock Logs  
by Kenneth Hoglund <hoglund@wfu.edu>
- 12) [117690] Re: Old Computer Parts--Free  
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 13) [117691] Changes to QST (Long)  
by "Brian P. Milesosky" <n5zgt@swcp.com>
- 14) [117692] NEQRP CW Net, 17 January 02, 8:30 PM EST, 3.565MHz  
by Chuck Ludinsky <cjl@mitre.org>
- 15) [117693] For sale - Elecraft K1 filter board  
by John Ragsdale <jr91901@navix.net>
- 16) [117694] Re: QRP Mobile w/Hamsticks  
by "Aartec" <aartec@dwx.com>
- 17) [117695] 49 MHz talkies in Europe  
by K5BDZ@aol.com
- 18) [117696] Truffle Hunt  
by "Jay Henson" <aj4ay@worldnet.att.net>
- 19) [117697] QRP in 40 Meter Novice Band

- by Dave Fouchey <dafouchey@home.com>
- 20) [117698] New Junkbox stuff  
by "Brian Murrey" <brian@iquest.net>
- 21) [117699] Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)  
by "Karl F. Larsen" <k5di@zianet.com>
- 22) [117700] Round 2 - Aluminum Rig Toting Case (Cheap\$\$)  
by Stephan Greene <sgreene@patriot.net>
- 23) [117701] Elmer 001 - The Pixie 2 Project  
by "Brice D. Hornback" <bdbh@cyberbound.net>
- 24) [117702] OT: Monitor will not resize with various 3d Graphics cards& W98  
by PTSMANTUA@aol.com
- 25) [117703] FS: Ten Tec Century 21  
by "Rene Correa" <correalaw@earthlink.net>
- 26) [117704] Re: CW lives  
by N1EU <n1eu@yahoo.com>
- 27) [117705] digest is back  
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 28) [117706] computers  
by "carlseye-popserver" <carlseye@tampabay.rr.com>
- 29) [117707] Multiband Antenna Eexperiment  
by "Brockwell, Stephen E. CECOM SEC FSSE ILEX" <brockwse@fssec.army.mil>
- 30) [117708] Re: computers  
by "George, W5YR" <w5yr@att.net>
- 31) [117709] MFJ-259  
by "Ingo, DK3RED" <dk3red@t-online.de>
- 32) [117710] Re: [QRPP-I] Elmer 001  
by Bruce Muscolino <w6toy@erols.com>
- 33) [117711] Hamstick  
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 34) [117712] Hamstick  
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 35) [117713] Re: 49 MHz talkies in Europe  
by Bruce Muscolino <w6toy@erols.com>
- 36) [117714] Posting Test Message  
by "Bill Jones" <kd7s@psnw.com>
- 37) [117715] Test Message with Netscape  
by Bill Jones <kd7s@psnw.com>
- 38) [117716] Re: Was: ADE mixers, Now: driving mixers  
by Jake Brodsky <frussle@erols.com>
- 39) [117717] Paddleette keyer  
by Vince Santis <vsantis@javanet.com>
- 40) [117718] Re: Was: ADE mixers, Now: driving mixers  
by Bill Coleman <aa4lr@arrl.net>
- 41) [117719] Re: Was: ADE mixers, Now: driving mixers  
by Bill Coleman <aa4lr@arrl.net>
- 42) [117720] Re: Hamstick  
by "John J. McDonough" <wb8rcr@arrl.net>
- 43) [117721] Re: computers

by Pete Burbank <plburbank@kih.net>  
44) [117722] Re: Was: ADE mixers, Now: driving mixers  
by cherry@getnet.net  
45) [117723] Go figure  
by David Adams <david@theadamsclan.com>  
46) [117724] Re: Go figure  
by "Jim Stamper" <jstamper@shentel.net>  
47) [117725] Re: Hamstick  
by Bruce Muscolino <w6toy@erols.com>  
48) [117726] Re: Go figure  
by "George, W5YR" <w5yr@att.net>  
49) [117727] help please  
by Bruce Rattray <rattray@gpfn.sk.ca>  
50) [117728] Elmer 001  
by Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>  
51) [117729] Re: Hamstick  
by Ed Manuel <edmanuel@directvininternet.com>  
52) [117730] Hamsticks  
by Caitlyn Martin <ku4qd@qsl.net>  
53) [117731] Re: QRP Mobile w/Hamsticks  
by "Randy Randall" <RANDALLR@Healthall.com>  
54) [117732] FDIM  
by k8cz@att.net  
55) [117733] Diode switching ... the rules?  
by Nick Kennedy <nkennedy@tcainternet.com>  
56) [117734] Re: Hamstick  
by "John J. McDonough" <wb8rcr@arrl.net>  
57) [117735] RE: Go figure  
by Nick Kennedy <nkennedy@tcainternet.com>  
58) [117736] Re: FDIM  
by Bruce Muscolino <w6toy@erols.com>  
59) [117737] any QRPers in Miami-Dade Fla?  
by "d l" <nr2v@northnet.org>  
60) [117738] Re: Hamstick  
by Bruce Muscolino <w6toy@erols.com>  
61) [117739] Re: FDIM  
by "Brian" <brian@iquiest.net>  
62) [117740] Re: Hamstick  
by Bill Vodall - WA7NWP <wa7nwp@yahoo.com>  
63) [117741] HELP WITH TRANSVERTER  
by Wayne Williams <aa5jj@yahoo.com>  
64) [117742] Argonaut 509/405/208/PS  
by "Dean LaClair" <nr2v@northnet.org>  
65) [117743] [CONTEST] QRP Contest Calendar Jan 17-31  
by Ken Newman <N2CQ@dandy.net>  
66) [117744] Re: 49 MHz talkies in Europe  
by Steven Weber <kd1jv@moose.ncia.net>  
67) [117745] Re: 49 MHz talkies in Europe

by "Leon Heller" <leon\_heller@hotmail.com>  
68) [117746] Re: 49 MHz talkies in Europe  
by "Leon Heller" <leon\_heller@hotmail.com>  
69) [117747] Limited space in car  
by Caitlyn Martin <ku4qd@qsl.net>  
70) [117748] Re: Limited space in car  
by "John J. McDonough" <wb8rcr@arrl.net>  
71) [117749] computer help  
by "carlseye-popserver" <carlseye@tampabay.rr.com>

-----  
Date: Wed, 16 Jan 2002 19:06:49 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [117679] Re: QRP Mobile w/Hamsticks  
Message-ID: <001401c19eea\$ddafb3e0\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have had a similar experience, except that I tend to run a little lower power mobile. No matter what the theory says, I have had good success on 20 with a Hamstick. I have had a little less success on 40, but then I rarely fool around on 40 if 20 is available.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>  
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----  
From: "George Franklin" <w0av@juno.com>  
Subject: Re: QRP Mobile w/Hamsticks

> I have used a 20M Hamstick at 5W in the mobile on several occasions,  
> including QRP contests, with good results.  
>  
> Haven't tried much with the 40M Hamstick at 5W but have made a few  
> contacts.

-----  
Date: Wed, 16 Jan 2002 19:12:04 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: <k5di@zianet.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117680] Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)  
Message-ID: <001e01c19eeb\$9842c3a0\$7001a8c0@lwinc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl,

Maybe sometime I can mount my dummy load on a tripod and give that a try.  
Sounds like it might be worth a shot and it's a lot smaller than the  
Hamstick. hi hi

Actually, it's probably time I get a decent 40 meter dipole up in the air.  
But, the Hamstick has actually performed quite well for me.

73/72/71 de Brice KA8MAV  
QRPp International Radio Club  
<http://www.QRPp-I.com>

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, January 16, 2002 5:46 PM  
Subject: Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)

>  
> Guys I made measurements of the hamstick on 40 and 20 meters last  
> year. I found the 40 meter version properly tuned to frequency is almost  
> exactly 10 DB weaker than a 40 meter dipole at 20 feet. This was over  
> distances of 300 to 1000 miles.  
>  
> The 20 meter version I was sure would be better, but compared to  
> the w3ff short (16 feet) dipole the dipole was 20 DB better than the  
> hamstick!  
>  
> So if you can run 100 watts to a hamstick in your car you will get  
> out pretty well. But for QRP work they do resemble a dummy load. For the  
> upcoming FYBO contest I expect to be wrapped up in winter clothing with a  
> w3ff antenna, 10 foot mast, card table and chair, keypaddle and battery  
> and FT-817, clipboard and paper. Hope 20 and 15 are open!  
>  
> On Wed, 16 Jan 2002, Doug Hendricks wrote:  
>  
> > Brice, you worked 35 qso's and 17 states as a fox in the Novice band  
with

> > "My SW-40+ held up fine at 3W and my Hamstick on a tripod remained pointing  
> > up throughout."!!!! Man alive, if you told me before you started that you  
> > were going to work that many stations with that antenna, I would have given  
> > you some pretty good odds that you couldn't do it. A hamstick on a  
> > tripod???? I had trouble working more than 1 or 2 stations when I used  
> > mine. Vern calls them a "dummy load-on-stick" and I believe him.  
Guess  
> > it goes to show that "all antennas work". Great job. 72, Doug  
> >  
> >  
>  
> --  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
> <http://www.zianet.com/k5di/>  
>

-----  
Date: Wed, 16 Jan 2002 16:14:22 -0800 (PST)  
From: Jeff Furman <jfurman@ocs.net>  
To: n7rr@hotmail.com, qrp-1@lehigh.edu  
Subject: [117681] Nd magnets sold here:  
Message-ID: <Pine.LNX.4.21.0201161611460.15166-100000@ocs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

<http://www.wondermagnet.com/dev/main.shtml>

I have no relationship to this firm, but they furnished me reasonable service.

73, Jeff AD6MX

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-----  
Date: Wed, 16 Jan 2002 19:21:14 -0500  
From: "NZ8J" <timcook@erinet.com>  
To: <qrp-1@Lehigh.EDU>

Subject: [117682] Looking for 17m and 24m xtals for Omni-C  
Message-ID: <007601c19eec\$e043e160\$6122fea9@nec>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone know of a convenient source of xtals that are needed to put the  
Omni-C on the WARC bands?

Thanks  
Tim  
NZ8J

-----  
Date: Wed, 16 Jan 2002 19:30:40 -0500  
From: "David Porter" <aa3ur@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [117683] Re: Nd magnet source?  
Message-ID: <004401c19eee\$31f61360\$927ba8c0@jamison1.pa.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Try Lee Valley. These are Rare Earth type magnets and the price isn't too  
bad.

<http://www.leevalley.com/wood/page.asp?page=40071&category=1,42363,42346&currency=2&SID=>

David Porter AA3UR  
aa3ur@home.com

-----  
Date: Wed, 16 Jan 2002 19:35:29 -0500  
From: "NZ8J" <timcook@erinet.com>  
To: "NZ8J" <timcook@erinet.com>, <qrp-1@Lehigh.EDU>  
Subject: [117684] Re: Looking for 17m and 24m xtals for Omni-C  
Message-ID: <008601c19eee\$ddeebbe0\$6122fea9@nec>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

That would be 12m.... sorry.....

----- Original Message -----

From: NZ8J <timcook@erinet.com>

To: <qrp-1@Lehigh.EDU>

Sent: Wednesday, January 16, 2002 7:21 PM

Subject: Looking for 17m and 24m xtals for Omni-C

> Anyone know of a convenient source of xtals that are needed to put the  
> Omni-C on the WARC bands?  
> Thanks  
> Tim  
> NZ8J  
>

-----  
Date: Wed, 16 Jan 2002 19:39:36 -0500

From: "Brice D. Hornback" <bdh@cyberbound.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [117685] Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)

Message-ID: <003f01c19eef\$73611880\$7001a8c0@lwrnc1.in.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Are there any corrections to this log? I have not received any corrections yet, so I'll give everyone a bit more time before I submit it as the final log.

Thanks!

73/72/71! de Brice KA8MAV

> -----  
> CUB FOX HUNT - NUMBER 12  
> JANUARY 15 (16TH UTC), 2002  
> 0200 TO 0400 UTC  
> -----  
>  
> 0200     N3BJ     559     VA     ALAN     5W  
> 0207     K0EVZ     559     ND     DOC     3W  
> 0210     K4ADI     559     SC     FRANK     3W  
> 0213     K4GT     559     GA     JIM     5W  
> 0216     W5YR     559     TX     GEORGE     5W



|        |        |     |    |           |    |
|--------|--------|-----|----|-----------|----|
| > 0217 | KV4EE  | 559 | SC | CRAIG     | 5W |
| > 0220 | W5USJ  | 529 | TX | CHUCK     | 5W |
| > 0223 | W0CH   | 559 | MO | DAVE      | 5W |
| > 0225 | WA9TZE | 579 | WI | JIM       | 5W |
| > 0229 | W4BQP  | 559 | NC | JIM       | 5W |
| > 0232 | K4BYF  | 559 | FL | JACK      | 5W |
| > 0236 | WA8BXN | 559 | OH | MIKE      | 5W |
| > 0239 | KG4LDY | 559 | VA | JIM       | 5W |
| > 0241 | W0IS   | 559 | MN | RICK      | 5W |
| > 0247 | N1TP   | 559 | FL | TOM       | 5W |
| > 0250 | N9AW   | 559 | WI | JERRY     | 5W |
| > 0253 | K8CV   | 559 | MI | WALT      | 5W |
| > 0256 | N1FN   | 559 | CO | ET        | 5W |
| > 0304 | AA3WI  | 559 | MD | JOHN PAUL | 4W |
| > 0310 | N9NE   | 559 | WI | TODD      | 5W |
| > 0312 | KC9LC  | 559 | VA | RANDY     | 5W |
| > 0319 | K5DW   | 559 | TX | DON       | 5W |
| > 0321 | KC1FB  | 559 | CT | JIM       | 5W |
| > 0323 | KD5KXF | 559 | TX | MIKE      | 5W |
| > 0327 | KK5LD  | 559 | TX | DAN       | 5W |
| > 0330 | K5DI   | 559 | NM | KARL      | 5W |
| > 0331 | KB3E0F | 559 | MD | SANDY     | 5W |
| > 0333 | KJ0C   | 559 | MO | JIM       | 5W |
| > 0338 | WB6BWZ | 559 | GA | MATT      | 5W |
| > 0344 | AF4PS  | 559 | FL | MAC       | 3W |
| > 0348 | AC5JH  | 559 | OK | TOM       | 5W |
| > 0350 | KA0EC  | 559 | MN | GENE      | 5W |
| > 0355 | KI0II  | 559 | CO | RON       | 1W |
| > 0359 | N0TU   | 559 | CO | STEVE     | 5W |
| > 0400 | KA8MAV | FOX | IN | BRICE     | 3W |
| >      | -----  |     |    |           |    |

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Date: Wed, 16 Jan 2002 19:40:10 -0500  
 From: "David Porter" <aa3ur@home.com>  
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
 Subject: [117686] Re: Nd magnet source ?  
 Message-ID: <005801c19eef\$850eda40\$927ba8c0@jamison1.pa.home.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

Sorry for what amounts to nearly a re-post, but two levels above the link I sent before is their complete listing. It includes ring, bar, hemispherical and spherical magnets. Pretty neat!

<http://www.leevalley.com/wood/page.asp?category=1&page=42363&abspage=&SID=&currency=2>

David Porter AA3UR  
aa3ur@home.com

-----  
Date: Wed, 16 Jan 2002 17:46:32 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <w0av@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [117687] Re: QRP Mobile w/Hamsticks  
Message-ID: <000701c19ef0\$69768840\$61dd070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

By using 2 ham sticks back to back if stationary mobile will give great results 72 Cal KF7ET

----- Original Message -----

From: "George Franklin" <w0av@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, January 16, 2002 3:59 PM  
Subject: Re: QRP Mobile w/Hamsticks

> Hi Karl and All,  
>  
> I have used a 20M Hamstick at 5W in the mobile on several occasions,  
> including QRP contests, with good results.  
>  
> Haven't tried much with the 40M Hamstick at 5W but have made a few  
> contacts.  
>  
> FWIW and YMMV.  
>  
> 72 de George/W0AV  
> SOC#101, COG#1  
> Hamming since '35  
>

-----

Date: Wed, 16 Jan 2002 20:03:04 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: <colcal@srv.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117688] Re: QRP Mobile w/Hamsticks  
Message-ID: <005701c19ef2\$b886c9c0\$7001a8c0@lwrnc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yes, I'd almost forgotten about the Hamstick Dipole. Anyone have a spare 40 meter Hamstick they think is a dummy load? Send 'em my way! :-)

73/72/71! de Brice KA8MAV

----- Original Message -----

From: "Francis Callahan" <colcal@srv.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, January 16, 2002 7:46 PM  
Subject: Re: QRP Mobile w/Hamsticks

> By using 2 ham sticks back to back if stationary mobile will give great  
> results 72 Cal KF7ET

> ----- Original Message -----

> From: "George Franklin" <w0av@juno.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Wednesday, January 16, 2002 3:59 PM  
> Subject: Re: QRP Mobile w/Hamsticks

>

>

> > Hi Karl and All,

> >

> > I have used a 20M Hamstick at 5W in the mobile on several occasions,  
> > including QRP contests, with good results.

> >

> > Haven't tried much with the 40M Hamstick at 5W but have made a few  
> > contacts.

> >

> > FWIW and YMMV.

> >

> > 72 de George/W0AV

> > SOC#101, COG#1

> > Hamming since '35

> >

>

-----  
Date: Wed, 16 Jan 2036 18:50:26 -0500  
From: Kenneth Hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [117689] Rock Around the Clock Logs  
Message-ID: <7C3974C2.D5032B6C@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, it was a frantic 24 hours, but Rock Around the Clock is history.  
>From reports I recieved from many of the "special stations," conditions  
were pretty rough for the little crystal rigs, mainly due to so many  
stations being on the air for Straight Key Night! We may need to think  
of another night for this grand event.

Anyway, the prizes are sitting on the desk ready to mail out; we've  
almost finished the design of a nice certificate to mark participation  
in the event; and we're looking forward to seeing those logs. Submit  
them to me (hoglund@wfu.edu) by Jan. 30th so we can make the  
determinations. Right now there are 5 categories of "national" prizes:

- highest points for event (naturally)
- most unusual xtal-controlled rig
- farthest qso
- longest (timewise) qso
- most unusual modification to xtal to gain range

So, even if you just made one qso, submit it: you may be a winner.

And if you have any comments on the event that you'd like to share with  
the crew who cooked up the event, we would welcome them.

On Behalf of the Greater Piedmont QRP Club-

73  
Ken Hoglund KG4FGC

-----  
Date: Wed, 16 Jan 2002 20:38:31 -0500  
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
flyer@value.net  
Subject: [117690] Re: Old Computer Parts--Free

Message-ID: <3C45E4C7.32180.9BDCD4@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

On 16 Jan 2002, at 12:24, Mark E. Smith wrote:  
SIMMs work great if you have a laser printer that can accept  
additional memory

The cards are 72 pin  
> and they are about 4 1/4 inches wide and 1 inch high. I believe  
> they were called SIMMs, at least that is what Compaq called  
> them.  
>

-----  
Date: Wed, 16 Jan 2002 18:42:20 -0700  
From: "Brian P. Mileschosky" <n5zgt@swcp.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [117691] Changes to QST (Long)  
Message-ID: <000d01c19ef8\$350ce4c0\$fe04b8d8@hlw11>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All,

I received this email and thought I'd forward it to the list (sorry so long). Changes to QST Magazine in the future might include eliminating the contest results, Section Manager News, the Annual Index of QST articles in the December issue, etc., to be placed for viewing only on the ARRL website.

If anyone has a comment to make about any of this, email your Division Director and/or the HQ \*\* ASAP \*\* because the Board meets \*\* this week \*\* to vote on this.

72,  
Brian, N5ZGT

> ----- Original Message -----  
> From: John Crovelli <W2GD@hotmail.com>  
> To: <frcc@yahooogroups.com>  
> Sent: Wednesday, January 16, 2002 1:49 AM

> Subject: [frcc] Comments on QST Coverage of Contests  
> Folks,  
> Frank Fallon, N2FF, the Hudson Division Director and YCCC member,  
> called me Sunday afternoon in response to my earlier email on the  
> subject of Contest Coverage in QST.  
> The essence of our discussion is contained in the paragraphs below. The  
> issue at hand is mostly about money, lack of advertising growth, a  
> deficit budget (several years running), etc. I don't put much stock in  
> the "conspiracy theories" that have been circulating here and on the  
> reflectors.  
>  
> I know the powers that be (the ARRL BoD) recognize the importance of the  
> "contest community", that we are in fact the movers and shakers, the  
> "leadership" contingent of the league (look at all the Directors and  
> managers at HQ who are active testers). What the Directors don't  
> seem to know how to do is reduce the size of the deep division which  
> exists within the amateur radio community, between the coded HFers and  
> the Shack on a Belt crowd. Incentive Licensing has increased the  
> "numbers", and probably saved the amateur radio from quicker extinction,  
> but the lack of common goals, experience, etc. between these groups is  
> all too obvious. How do they cater to both constituencies in the "house  
> organ"? How do they present the hobby in its best light to the general  
> public, potential recruits, and the newbies?  
>  
> I would hate to see full contest results printed in QST go the way of  
> the wind. Over the years I've had discussion after discussion of score  
> listings with the local 2M repeater crowd. It's clear the casual guys  
> really get a kick out of seeing their call listed in THE MAGAZINE. And  
> by deduction I KNOW not having the scores in print will somehow diminish  
> their incentive to participate in contests. Web listings simply don't  
> have the same impact. And shuttling the scores into NCJ is not the right  
> answer.  
>  
> It would be great to see more contest editorial content, searchable  
> databases, etc. on the League's website. Can't ever get enough data for  
> analysis. But I have my doubts the resources exist to bring this to  
> reality, at least not in the short term.  
> Bottom line, IMHO Newington management blew it. The leaking of the  
> proposal has created an unwanted firestorm. If they had done their  
> homework, and laid a better groundwork, the proposal would have had a  
> much higher likelihood of passage this time around. But the contest  
> community has been writing their Directors in large numbers, and even the  
> local club folks are up in arms. The Directors are "politicians" and  
> don't like seeing the cart teetering about - it's much better when  
> everyone remains calm and things run smoothly.  
>  
> I'll predict the ARRL BoD will NOT eliminate contest coverage in any  
> meaningful way at this board meeting. Parts of the budget proposal will

> be tabled for further "investigation". Elimination of Section Notes is  
> somewhat more likely to be passed, and actually the web is a much better  
> forum for this information since it provides immediate and timely  
> distribution. The local news group just are not as well organized as we  
> testers. OK, enough of this nonsense....time to discuss something far  
> more important.....have you ALL made arrangements to operate the CQ 160  
> CW contest January 25-27?  
> 73, John W2GD

>  
>

> Subject: Hudson Division Beacon -- Jan 2002  
> Date: Tue, 15 Jan 2002 16:23:54 -0500  
> ARRL Hudson Division  
> January 2002  
> Hudson Division Beacon - e-mail edition  
> By Frank Fallon, N2FF, Director, Hudson Division, ARRL  
> 30 East Williston Avenue, East Williston, NY 11596  
> (516) 746-7652  
> <<mailto:n2ff@arrl.org>>

> OFF TO DALLAS FOR THE ARRL BOARD MEETING

> On Wednesday I fly down to Dallas for the ARRL Board meeting. At 8:30  
> Thursday morning I will chair a meeting of the Membership Services  
> Committee which will be looking at a number of issues including possible  
> revision of some of the club contest rules, moving line by line contest  
> scores to the web rather than QST, and the status of the Log Book of the  
> World project slated to come on line by mid year. That meeting may go  
> past noon with the long agenda we have. Vice Director Steve Mendelsohn,  
> W2ML will be flying in later in the day and we will both attend a dinner  
> that evening with the other ARRL Board members followed by an hour plus  
> informal meeting of the Board where we get to talk about current ham  
> radio issues. The regular Board meeting will begin at 8:30 Friday  
> morning and go to about 5 PM. On Saturday we do it again until we have  
> finished the agenda some time Saturday afternoon. Outside meeting time  
> directors spend a great deal of time discussing issues and motions  
> trying to gain support for motions they will be making at the end of the  
> meeting. It's really pretty hectic and challenging; a bit like a full  
> weekend contest session where your are out to win first place worldwide.  
> One of the first orders of business will be the election of officers and  
> I expect that Jim Haynie, W5JBP, will again be elected ARRL President.  
> All of the directors, and we are the ones who vote, are very happy with  
> his leadership. He has been very proactive and hands on leading us in  
> the right direction. He has donated a tremendous amount of his personal  
> time to ARRL matters and traveled all over the country on behalf of ARRL  
> and Amateur Radio. Please remember Jim is an unpaid volunteer and he is  
> NOT retired. I have a great deal of admiration for the job Jim is doing  
> and I didn't vote for him last time around two years ago, but I will  
> this time.  
> Immediately after officer elections the Board votes for the four

> director members of the Executive Committee. I hope to again be elected  
> to the EC for a fourth year. This committee makes a lot of important  
> decisions and sets policy, if necessary, between normal Board meetings.  
> I find working on it very interesting and rewarding.

> PROPOSED CHANGES FOR QST

> One of the more controversial items we will be dealing with at the  
> January ARRL Board meeting is the impact of 2002 budget and cuts in QST.  
> On November 17th I attended a meeting of the Administration and Finance  
> Committee held in Newington to which I was invited in my capacity as  
> chair of the Membership Services Committee. I do not have a vote on that  
> committee but was invited along with the chair of the Volunteer  
> Resources Committee because some of the proposed cuts in budget in 2002  
> would impact on our areas and services. The A&F committee unanimously  
> voted to approve the 2002 proposed budget and present it to the full  
> Board in Dallas. In order to continue to fund most of our programs the  
> A&F committee decided to use a number of cost cutting devices including  
> cutting sixteen pages per issue out of QST which would decrease our  
> operating deficit by \$100,000 in 2002. Despite our best effort ad  
> placement continues to lag and you need not be an economist to realize  
> that this is probably not going to improve a great deal in 2002. Only  
> four issues of QST in 2002 would have 176 pages. The rest would have 160  
> pages. Some of you will be aware that CQ Magazine, which recently ceased  
> publication of two of its other magazines, is currently publishing only  
> 100 pages per month. It has been very difficult to get advertising in  
> ham radio magazine the past few years. Plans are to achieve these QST  
> page cuts by moving the Section Manager reports, which account for at  
> least six full QST pages each month, to the ARRL Web where they will be  
> given more space than they currently receive and where they can be  
> instantly updated without the three month time lag QST printing causes.  
> In addition SM's now have the ability to send an electronic newsletter  
> in the same fashion as I am sending this newsletter. Contest results  
> will be cut back but not eliminated. Field Day results will be printed  
> in full as usual but other line by line contest scores will also be  
> moved to the web late in 2002. Here again web contest coverage will be  
> expanded with the addition of pictures and more analysis of contest  
> operations.

> Directors are expected to keep financial information within the Board  
> family until it is made public such as at Board meetings. As I knew that  
> this information was going to be controversial I felt that that at the  
> Hudson Division Cabinet meeting on December 1st, after asking all  
> present to keep the information confidential, I briefed members of the  
> cabinet on these proposed changes and we discussed them. While no one  
> present was happy with the proposed change most understood the reason  
> for it. A few, including one SM though it a bad idea. I want to thank  
> those at that cabinet meeting for keeping the matter confidential as I  
> wanted their input and understanding on this subject which is really a  
> confidential matter - it's a corporation business plan. Everyone at the  
> meeting, even those who opposed the cuts, keep that confidence. Thank



> you. Someone in another division leaked the information. At this point,  
> after looking at the alternatives and continuing to discuss the few  
> options available with other directors, I remain reluctant to oppose the  
> proposal and increase the deficit by another \$100,000, but we will  
> probably put off the move for now. Implementation was slated for late in  
> 2002. The bottom line is it is financial considerations forcing us to  
> consider these changes. These are tough times requiring tough decisions  
> and changes in how we get information. Another dues increase is not an  
> option. While we may stall or postpone the decision, I feel the  
> information will eventually be moved to the web.  
> Here is what Dave Sumner, K1ZZ, has been sending in response to comments  
> and inquiries about the proposed QST changes.

> -----

> Two major trends are changing how the ARRL can best convey information  
> to its members.  
> One is the growth in members' access to the Internet. As of December  
> 2000, 92% of ARRL members had computers and 89% had access to the  
> Internet. Both percentages no doubt are higher today. More than 94,000  
> members are registered to use the members-only portion of the ARRL Web  
> site. Tens of thousands do so on a regular basis. Every week, the ARRL  
> Letter is sent electronically to more than 61,000 members and is passed  
> along to countless others. Impressive as those numbers may be, the  
> Internet is also effective in reaching smaller groups with specialized  
> information. It is not an exaggeration to say that very nearly every  
> active radio amateur uses the Internet in some way to enhance his or her  
> Amateur Radio involvement.  
> Every month, some portions of the print version of QST are made  
> available in advance to members via the Web site. For example, February  
> 2002 QST is just being printed but members who are interested have  
> already been able to read the Product Reviews of the ICOM 756 PRO II and  
> the Yaesu FTV-1000 6-meter transverter and the results of the August  
> 2001 UHF Contest.  
> We can say with pride that the ARRL is in the forefront among national  
> membership associations in making effective use of the Internet. Our  
> commitment of resources has kept pace with its growing importance.  
> The other major trend is in the economics of print media, particularly  
> as they apply to QST. Three things are working against us: postage and  
> paper increases that far exceed the general rate of inflation and a  
> softening of the advertising market, not only in Amateur Radio but  
> industry-wide.  
> The ARRL Board and management are keenly aware that most members regard  
> QST as the principal tangible benefit of membership. In July 2000 the  
> Board took two actions that underscored this. The first was to direct  
> that QST be printed in full color. This was accomplished beginning with  
> the December 2000 issue. The second was to direct that QST be a minimum  
> of 176 pages.  
> The 176-page minimum was reasonable if one assumed that paid advertising  
> would continue at then-existing levels. Unfortunately, that has not been

> the case and there is no reason to believe that the situation will  
> improve any time soon. The decline in paid advertising means revenues  
> are down, but we can't adjust printing costs accordingly by reducing the  
> page count.

> Therefore, at its meeting January 18-19 the Board will be asked to  
> remove the 176-page minimum. The ARRL budget plan for 2002 that is being  
> considered for ratification by the Board at this meeting calls for a  
> substantial deficit, but assumes that the minimum will be removed in  
> order to avoid enlarging the deficit by approximately another \$100,000.

> Because the economics of magazine production require that pages be  
> printed in multiples of 16, we anticipate that in 2002 there will be  
> some issues with 176 pages but that most will contain 160 pages.

> But if QST is to be smaller, what will be reduced? From member surveys  
> we know what in QST is popular and what isn't. We certainly don't want  
> to reduce the content that's popular, such as feature and technical  
> articles (according to the surveys we could never have enough antenna  
> articles) and popular columns. We also realize that some QST content  
> that is not very popular serves an important organizational purpose; its  
> value cannot be measured by popularity alone. Finally, we also recognize  
> that for some QST content there are better delivery alternatives than  
> for some other content.

> An example is the Annual Index of QST articles in the December issue,  
> which typically takes eight pages. Today there is an on-line QST index  
> on the Web site that is much easier to use than the print version. So in  
> this case we have a QST feature that takes a lot of pages and, while no  
> doubt useful to many, is low in popularity and can be delivered in a  
> more useful form to the vast majority of members. Accordingly, we are  
> not planning to print the Annual Index in December 2002 QST.

> There are two QST features that require substantially more space and can  
> be delivered more usefully to members electronically: Section News and  
> contest line scores.

> Each month, between six and seven pages of QST is devoted to Section  
> News. The space available to Section Managers to report activities in  
> their sections has always been limited to a certain number of lines  
> based on the number of members in each section. Communication between  
> Section Managers and the volunteers within the section field  
> organization is extremely important, but it is clearly not efficient to  
> print 170,000 copies in order to communicate with members in sections  
> having memberships ranging from a high of 6,600 to a low of 73. Today,  
> thanks to the Internet and the Web Section Managers are able to reach  
> their members with more information on a far more timely basis, and with  
> photos, links to other Web sites, and other capabilities that have never  
> been available to them via QST. Accordingly, the budget plan for 2002  
> calls for Section News to be moved from QST to the Web. Plans are in  
> place to make the Web version of Section News a far more effective  
> communications medium than the print version has ever been.

> Contest results are already available to members via the Web prior to  
> their receipt of QST in the mail. From feedback we know that many of the

> members who are interested in the contest results take advantage of  
> this. We also know from survey after survey that contest rules and  
> results are the most disliked content in QST; when we ask what members  
> would like more of, and what they would like less of, in QST the contest  
> results and rules rank dead last. Even so, encouraging operating skills  
> and station performance is an important part of the ARRL's mission. In  
> short, while the contest community is a significant constituency within  
> the ARRL membership, the amount of QST space committed to reporting of  
> line scores and detailed rules is out of proportion to the overall  
> interests of the membership. At the same time, we can provide much more  
> in-depth coverage of contest results via the Internet and the Web than  
> we could possibly provide in QST. For example, we can provide  
> band-by-band contact and multiplier information for each entrant, not  
> just for the high scorers. We can let testers download the data so  
> they can perform their own analysis. With some of the space freed up by  
> moving line scores to a more appropriate medium we plan to expand  
> editorial coverage of contest activities in a way that we hope will be  
> more favorably received by the members who are not themselves contest  
> participants. As a more broadly based activity, Field Day results will  
> not be affected.  
> While we plan to implement these changes in ways that will enhance the  
> affected programs, change is seldom easy. We realize that while there  
> are fewer all the time, some members still do not have easy access to  
> the Internet and the Web.  
> The budget plan has been approved by the Administration and Finance  
> Committee and is now before the Board for ratification at its January  
> 18-19 meeting. There is a great deal of healthy discussion going on  
> among Board members. Whatever the Board ultimately decides, it will be  
> an informed decision.  
> 73,  
> David Sumner, K1ZZ  
> Executive Vice President

-----  
Date: Wed, 16 Jan 2002 20:43:09 -0500  
From: Chuck Ludinsky <cjl@mitre.org>  
To: neqrp@jonal.net, qrp-1@lehigh.edu  
Subject: [117692] NEQRP CW Net, 17 January 02, 8:30 PM EST, 3.565MHz  
Message-ID: <3C462C2D.6060200@mitre.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 17 January  
2002, at 8:30 PM EST (0130Z, 18 Jan 02) on or near 3.565 MHz. Net control operator

for this week's 80M session will be Chuck, K1CL, operating from Chelmsford, MA.

The excellent conditions that we have experienced throughout the winter continued last week; almost everyone had 589-599 signals:

|        |        |                    |        |
|--------|--------|--------------------|--------|
| WA1CFX | Howard | Jamaica Plains, MA | 589    |
| W4MQC  | Alan   | Harvard, MA        | 599    |
| WB1HBE | John   | Chelmsford, MA     | 599    |
| W1CFI  | Paul   | Falmouth, MA       | 599    |
| K1RC   | John   | Dracut, MA         | 599    |
| W1FMR  | Jim    | Salem, NH          | 599    |
| N1ZSW  | Ron    | Worcester, MA      | 589    |
| N1VSR? | ?      | ?                  |        |
| K1CL   | Chuck  | Chelmsford, MA     | net op |

Nice to hear Alan, W4QMC -- I think this was your first time checking into the net; Argonaut and dipole doing a fine job. And welcome back to Paul, who just returned from Oregon, where he was spending the holidays. Jim said he was having a little trouble getting refamiliar with his paddles, after having been working with a bug for a while. And welcome also to N1VSR(?); unfortunately, we lost your information because of some confusion on my part -- let me know name and QTH (and correct call?) and I'll post the correct info on the NEQRP web page.

Thanks to everyone for QNI'ing. Hope to hear you again on this week's net.

72 DE K1CL,  
Chuck.

-----  
Date: Wed, 16 Jan 2002 19:45:30 -0600  
From: John Ragsdale <jr91901@navix.net>  
To: qrp-l@lehigh.edu  
Subject: [117693] For sale - Elecraft K1 filter board  
Message-ID: <d4bc4u0spb439et7mo9n4gdkdb8g41b7s0@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

I have a K1 20/40 meters filter board for sale. Aligned by Gary at =  
Elecraft but  
never used.

\$34.00 including shipping within Continental United States. Prefer money =  
order.

John N=D8NF

-----  
Date: Wed, 16 Jan 2002 20:00:06 -0600  
From: "Aartec" <aartec@dwx.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [117694] Re: QRP Mobile w/Hamsticks  
Message-ID: <000001c19efa\$af892d60\$1adececf@b6v6o9>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Brice's Fox Cub run is pretty amazing for a Hamstick on a tripod. I also have to weigh in on the Hamstick defense. I have had great results with them on three different vehicles. About a year ago I started running mobile on 20M and 40M at the 1 watt level with Hamsticks and that works better than I would ever have imagined. It's always nice when the guy on the other end has a beam at 65ft, but I have worked many QRP stations, other mobiles, and stations with compromise antennas. I have even worked a little DX with that setup, the best being 9A5D in Croatia.

"All antennas work" and there is nothing magic about a Hamstick. I just like to use them because they are easy to tune, mount, store. FWIW, YMMV

72  
Jerry  
W0PWE  
<http://www.qsl.net/w0pwe>

-----  
Date: Wed, 16 Jan 2002 21:13:48 EST  
From: K5BDZ@aol.com  
To: GQRP@yahoogroups.com, hqrp@stevens.com, qrp-1@lehigh.edu  
Subject: [117695] 49 MHz talkies in Europe  
Message-ID: <16e.745f788.29778d5c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The 49 MHz or so non-licensed "personal talkies" found (cheap) in the U.S in target, K-Mart and other discount areas.....are they legal in UK,

Deutschland, Switz and Austria?

We travel there and these cheap little HT's would be very handy when my wife get's lost in a flea-market (something I would NEVER do...Hi!)

Comments appreciated. Thanks  
Bill K5BDZ

-----  
Date: Wed, 16 Jan 2002 20:27:42 -0600  
From: "Jay Henson" <aj4ay@worldnet.att.net>  
To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@lehigh.edu>  
Subject: [117696] Truffle Hunt  
Message-ID: <001101c19efe\$8b262820\$4c76560c@jjp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hounds,

I am the truffle for Thursday (1/17) evening and will be picking a freq in the 7.038 to 7.045 mHz range. Starting time is 0130 UTC and I'll stop at 0200 UTC. SSB QRM has been difficult around 7.044 to 7.048 lately. Hopefully conditions will be better for the hunt. I'll be listening UP 500 to 750 hz and will try to occasionally drop to my transmit frequency for those that do not have RIT capability. If the crowd is thin, I'll listen a little closer to my transmit frequency.

I'll probably start staking out a frequency around 0100 or so and may even call CQ to hold the frequency. Give me a call if you hear me. We'll shoot the breeze until hunt time.

The HUNT exchange will be:

your call 559 AL JAY 5W your call

If I don't need a fill, I'll send TU K or TU AJ4AY FP K. Make your calls then.

If I need a fill, I'll send NAME? or STATE?, etc.

Rig is a K2 at 5 watts to wire antenna at 50 feet.

Good luck to all.

Jay

AJ4AY  
Mobile, AL  
FP -115, SOC 220, ARCI 8131, FISTS 7917, QRP-L 1372

-----  
Date: Wed, 16 Jan 2002 21:49:54 -0500  
From: Dave Fouchey <dafouchey@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117697] QRP in 40 Meter Novice Band  
Message-ID: <4.1.20020116214737.0098aa60@localhost>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Was any consensus reached on a "standard" frequency for QRP in the novice portion of the 40 Meter Band?

There are a few quiet slots in there and a whole lot less traffic than the lower 75 KHZ of the band.

Dave  
WA4EMR/8  
Sterling Heights, MI

-----  
Date: Wed, 16 Jan 2002 21:56:38 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: "Pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [117698] New Junkbox stuff  
Message-ID: <000701c19f02\$964c7a70\$ea362bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I found a cache of op amps....so I added them to my surplus list.

Junkbox Surplus Parts for Sale as of 01/15/2002  
=====

Caps  
=====

NEW .1 uF Poly/Film caps - 10% 250v, new stock, paper tape, nice long leads. These are not NPO and are made by S&M Components  
50/\$3.00 or 100/\$5.00

NOS .01 uF ceramic caps, 10% 100v brand new by Kyocera  
50/\$3 or 100/\$5

NOS 1000pf blue mono caps, 10% 100  
50/\$3 or 100/\$5

NOS 470pf ceramics on paper tape, rated 5%  
50/\$3 or 100/\$5

NOS 12pf NPO ceramics on tape  
50/\$4 or 100/\$7

22uF 35v electrolytics These caps are on paper tape, NOS (New, but old stock) made by Richey.  
50/\$2

#### Connectors

=====

I have NEW BNC chassis connectors for (includes nut and lock washer) (I only have a few 100 left)

25 for \$14.00  
50 for \$25.00

#### Voltage Regulators

=====

L7806CV voltage regulators. T0220 case. 5 for \$4.00  
LM7812T voltage regulators. T0220 case. 5 for \$4.00

#### Key/Headphone Jacks

=====

These are 3.5mm female stereo PCB mount jacks. Can be used in ugly/manhattan building projects with no problems.  
3/\$1.35 (or send a buck and a stamp)

#### Transistors

=====

TP2222 plastic T092 NPN - NEW PARTS (House brand 2N2222) - 50/\$4.50  
100/\$8.00  
2N3906's plastic T092. PNP - 50/\$4.00 NEW PARTS  
2N3704's plastic T092, NPN - 50/\$4.00 NEW PARTS  
2N7000 MOSFET - 5/\$2 10/\$3.50

IRF540's TMOS Power FET, N-Channel, 27A, 100v RDS(on) = .070 Ohms  
<http://www.onsemi.com/pub/Collateral/IRF540-D.PDF> for data sheet  
\$1.00 each.

BC847B - Surface Mount NPN's, general purpose



CBO = 50v, CEO = 45v, EBO = 6v, Collector Current Max = 100 mA,  
electrical characteristic curves for this unit are the same as the  
PN2222A, SST222A, MMST2222A, and UMT222A transistor. These are new  
stock, on SM tape. 100pcs/\$3.00 200pc/\$5.00

#### Op AMPS, Comparators =====

LM741CN - Single Op Amp, 8 Pin Dip, 4 for \$1.50  
<http://www.hep.ph.ic.ac.uk/~hallg/Instrumentation/Data/LM741.pdf>

BA4558 - Dual Op Amp, 8 Pin Dip, 4 for \$1.50  
<http://www.rohm.com/products/databook/standard/pdf/ba4558.pdf>

BA10324 - Quad Ground Sense Op Amp 14 pin, 4 for \$1.50  
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10358 - Dual Ground Sense Op Amp, 8 pin, 4 for \$1.50  
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10393 - Dual Comparator 8 pin dip, 4 for \$1.50  
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA10339 - Quad Comparator 14 pin, 4 for \$1.50  
<http://www.flint.co.uk/product/pdfs/FR3LIN.PDF>

BA4560 - Dual High Slew Op Amp, 4 for \$1.50  
<http://www.rohm.com/products/databook/standard/pdf/ba4560.pdf>

#### Crystals =====

3.579545 Mhz Crystals for 80m - These are pulled colorburst crystals,  
2/\$1

#### POTS =====

10K 1 Turn Panel mount pots. These are pulls. No knobs, just  
shafts. Most are Allen Bradley. Pot is about as big as a quarter.  
With nut. 5/\$4.00

#### Diodes =====

1N4148 - You always need these. 75 for \$2.00 These are NEW.

Let me know if you're interested. All prices are post paid to the  
USA, unless otherwise noted. I will ship to non USA addresses but we  
need to discuss the shipping charges first.

Would anyone be interested in surface mount 2N3906's? Let me know.

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

-----

Date: Wed, 16 Jan 2002 19:59:20 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Brice D. Hornback" <bdh@cyberbound.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [117699] Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)  
Message-ID: <Pine.LNX.4.33.0201161943440.4277-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Brice, I think you will be pleased when you get up a dipole. Even if it isn't real high it will out perform the hamstick on 40 meters.

What I have up you can see on my web page but it doesn't show the 130 feet of wire fed in the center with 450 ohm ribbon wire available from AES. The ribbon comes down and through a hole in the wall to my old MFJ Tee type tuner. It connects to a 4:1 balun and the output of that goes to the Tee tuner.

This antenna will load well on 80,40,30,20,17,15,12 and 10 meters. It also works well on MARS frequencies and just about any frequency you want. If you own a MFJ Tuner then DO make this antenna! I would try 80 feet long wire if your short of space. Try and get the center at 20 feet high. Mine is 40 feet high.

This antenna has a much larger capture area and very much less loss than the hamstick antenna. The hamstick has a feed point impedance of 4 ohms at resonance on 40 meters. The ground resistance will be like 20 ohms on that tripod. So most of the 3 watts is heating up the ground.

Dipoles have no ground loss. With proper feedline and matching the losses are very low, like 10%

On Wed, 16 Jan 2002, Brice D. Hornback wrote:

> Karl,  
>  
> Maybe sometime I can mount my dummy load on a tripod and give that a try.  
> Sounds like it might be worth a shot and it's a lot smaller than the  
> Hamstick. hi hi  
>  
> Actually, it's probably time I get a decent 40 meter dipole up in the air.  
> But, the Hamstick has actually performed quite well for me.  
>  
> 73/72/71 de Brice KA8MAV  
> QRPP International Radio Club  
> <http://www.QRPP-I.com>  
>  
> ----- Original Message -----  
> From: "Karl F. Larsen" <k5di@zianet.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Wednesday, January 16, 2002 5:46 PM  
> Subject: Re: CUB FOX HUNT - NUMBER 12 (Preliminary Log)  
>  
>  
> >  
> > Guys I made measurements of the hamstick on 40 and 20 meters last  
> > year. I found the 40 meter version properly tuned to frequency is almost  
> > exactly 10 DB weaker than a 40 meter dipole at 20 feet. This was over  
> > distances of 300 to 1000 miles.  
> >  
> > The 20 meter version I was sure would be better, but compared to  
> > the w3ff short (16 feet) dipole the dipole was 20 DB better than the  
> > hamstick!  
> >  
> > So if you can run 100 watts to a hamstick in your car you will get  
> > out pretty well. But for QRP work they do resemble a dummy load. For the  
> > upcoming FYBO contest I expect to be wrapped up in winter clothing with a  
> > w3ff antenna, 10 foot mast, card table and chair, keypaddle and battery  
> > and FT-817, clipboard and paper. Hope 20 and 15 are open!  
> >  
> > On Wed, 16 Jan 2002, Doug Hendricks wrote:  
> >  
> > > Brice, you worked 35 qso's and 17 states as a fox in the Novice band  
> > with  
> > > "My SW-40+ held up fine at 3W and my Hamstick on a tripod remained

> pointing  
> > > up throughout."!!!! Man alive, if you told me before you started that  
> you  
> > > were going to work that many stations with that antenna, I would have  
> given  
> > > you some pretty good odds that you couldn't do it. A hamstick on a  
> > > tripod???? I had trouble working more than 1 or 2 stations when I used  
> > > mine. Vern calls them a "dummy load-on-stick" and I believe him.  
> Guess  
> > > it goes to show that "all antennas work". Great job. 72, Doug  
> > >  
> > >  
> >  
> > --  
> > Yours Truly,  
> >  
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
> > <http://www.zianet.com/k5di/>  
> >  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Wed, 16 Jan 2002 22:36:05 -0500 (EST)  
From: Stephan Greene <[sgreene@patriot.net](mailto:sgreene@patriot.net)>  
To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [117700] Round 2 - Aluminum Rig Toting Case (Cheap\$\$)  
Message-ID: <[Pine.LNX.4.10.10201162234040.3873-1000000@tzion.greene.lan](mailto:Pine.LNX.4.10.10201162234040.3873-1000000@tzion.greene.lan)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 29 Dec 2001, Mark E Gustoff wrote:

> The XYL arranged for one of these under the X-mas tree, and while I  
> admit it was intended to organize and hold some tools in this case, it  
> is quite suitable for customizing as a rig transport.  
>  
> Size is 460x325x150mm Aluminum skinned  
> Includes HD foam molding you may cut to size  
> Accessory dividers for sectioning off a little section for cable,

> connectors, key, etc. etc.  
> Very nice looking, and apparent quality (time will tell, right??)  
> Brand Name was Task Force w/ lifetime warranty. Price: \$19.95  
> Available here at Lowes Home Improvement stores in toolbox section of  
> store.

I found one of these cases a few weeks ago in the local Lowes. I was  
across the street at Home Depot and they have almost the same model for  
\$16.95.

Major difference - no HD foam. Instead, there are more dividers for the  
bottom. Otherwise, looks the same.

Happy shopping.

73 Steve KA1LM

-----  
Stephan A. Greene      sgreene@patriot.net      ka1lm@amsat.org  
Herndon, VA            1-703-654-6032 office   1-571-233-1194 cell  
-----

-----  
Date: Wed, 16 Jan 2002 23:16:58 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,  
    <GQRP@yahoogroups.com>  
Subject: [117701] Elmer 001 - The Pixie 2 Project  
Message-ID: <015701c19f0d\$ce5ee000\$7001a8c0@lwrnc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello everyone! Well, we're off to a great start on the Elmer 001 (Pixie 2)  
discussion. I've updated the QRPp International Radio Club's web site to  
include the Elmer 001 materials.

You are all welcome to join in on the discussion. It's not too late to get  
your Pixie 2 kit from HSC and build along with us. We're taking a very  
basic look at radio theory and kit construction. Along the way, we'll be  
discussing mods and improvements to the ever popular Pixie 2 kit.

Please visit the QRPp International Radio Club for more information.

<http://www.QRPp-I.com>

73/72/71! de Brice KA8MAV

-----  
Date: Wed, 16 Jan 2002 23:30:26 EST  
From: PTSMANTUA@aol.com  
To: qrp-1@lehigh.edu  
Subject: [117702] OT: Monitor will not resize with various 3d Graphics cards& W98  
Message-ID: <177.2365d78.2977ad62@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Sorry in advance for an OT question but I figured hopefully someone has run into this before.

Running W98  
Trying 3 different Graphics Boards  
PNY Technologies Verto GeForce2 MX200 32 MB Ram AGP 2d/3d  
Creative Labs CT6850 Savage4 3D  
one other in the box.

Heres the deal,  
Kids want to play games that need min 600x800. You click on it to resize, and nothing happens, it is stuck at 600x800

All other options are there, click apply and it comes back 600x800.  
Advanced settings set to allow apply without reboot each time.

Reboots with these settings seem to have no effect, still stuck at 600x800

Monitor NEC Multisync 6FGp which used to resize, sometimes so small I couldn't hardly see the icons.

Thanks in advance

Reply Direct off list

de Phil

KF8JW

-----  
Date: Wed, 16 Jan 2002 23:38:39 -0600  
From: "Rene Correa" <correalaw@earthlink.net>

To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [117703] FS: Ten Tec Century 21  
Message-ID: <000701c19f19\$38649840\$5ff41c3f@rene>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Very clean Ten Tec Century 21 with manual and outboard calibrator. \$175.00  
plus shipping from 78596.

73.

Rene, K5JX  
k5jx@arrl.net

-----  
Date: Thu, 17 Jan 2002 03:47:42 -0800 (PST)  
From: N1EU <n1eu@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [117704] Re: CW lives  
Message-ID: <20020117114742.206.qmail@web14605.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I received many emails explaining the Nokia connection  
- here's the scoop:

--- Jon Iza <iapizloj@bi.ehu.es> wrote:  
> Barry,  
> I kinda remember that about 10% of the total ham  
> population in Finland  
> works for Nokia, starting for one of the VP (in  
> Europe a VP is really  
> a Vice-President or sub-president, so a big honcho,  
> not as in many  
> consulting firms in the US where all senior staff  
> are nominated VPs)  
> That VP is Martti, OH2BH, DX-er and one of the best  
> Public Relations  
> of Ham Radio in the World.  
> Nokia phones are known to send Morse, starting from  
> the SMS messages,  
> which are usually announced by "sms" in Morse using  
> the "short tone"  
> or

> "connecting people" (Nokia's motto) for the "long  
> and loud tone"  
> The "sms" code uses a tone where the whole phone  
> resonates and it's  
> quite loud (I can hear it on the streets up to 100  
> ft away...) You can  
> also program music on the phone for the calling  
> announcement...  
> I've used the same note, with different lengths to  
> program "special  
> announcements" such as "vvv ea2kq ea2kq" so my  
> friend Juan knows it's  
> his phone the one ringing...  
> Yes, CW lives.  
> Be well  
> jon, ea2sn  
>

-----  
Do You Yahoo!?  
Send FREE video emails in Yahoo! Mail!  
<http://promo.yahoo.com/videomail/>

-----  
Date: Thu, 17 Jan 2002 08:42:45 -0500  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: <qrp-1@lehigh.edu>  
Subject: [117705] digest is back  
Message-ID: <6579C6377F475547985F0B3E426E1626140352@OCCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello

I may be among the many to say this sorry, I now see that=20  
the digest is back and no break in number sequence. So=20  
seems probably some processor glitch.

Marty  
kd8bj

-----



Date: Thu, 17 Jan 2002 08:30:14 -0500  
From: "carlseye-popserver" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [117706] computers  
Message-ID: <006601c19f5e\$17400ba0\$2e211c18@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This may be off topic but I think (or hope) there are others who might be helped also!!

    does anyone know of a reflector list or whatever where nerds like me can get some decent info on computer operation without costing an arm and/or a leg, or both???

    carl / kz5ca

-----  
Date: Thu, 17 Jan 2002 08:39:43 -0600  
From: "Brockwell, Stephen E. CECOM SEC FSSE ILEX" <brockwse@fssec.army.mil>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [117707] Multiband Antenna Eexperiment  
Message-ID: <D9781901107D6A4AB59B567ED74090B454D9FE@pandora.fssec.army.mil>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

Hello Elmers of mine:

After I got an FT-817 I entered in the Nov SSB Sweeps contest and hit 47 states (including AK and HI) and most of the Canadian Provinces with 5 watts to a Carolina Windom antenna and an MFJ tuner. Many great operators on the other end. Some had to work hard while others seemed to pick me up easily.

Looking at the HFPACK web site I saw a 6 band vertical antenna for backpack use (Walkabout ?). The author used a hollow fiberglass arrow shaft wound with enamel covered copper wire with taps leading to a dip switch that shorted the coils to the base of the antenna. Similar to an Outbacker antenna but using a dip switch and wires instead of a wander lead.

I build one using a 10 meter Antron whip antenna and some scrap enameled wire (I intend to build it more carefully soon), put it on my Ford Ranger pickup hooked to the FT-817 and set the switch for the 17 meter band. Receiving worked pretty good and when I heard a station in Washoe Nevada I gave him a call. He said I was a little weak but looking at the radio I found that it was set for 2.5 watts. That antenna worked!!! Worked a few

more on 10m and 15m before had to go to ballroom dance class.

Now to finish the W3FF portable dipole and to rebuild the Walkabout.

Just my 2 cents worth. (... change available upon request...)  
Please keep up the fox hunts, Elmer 101 discussions, antenna discussions  
.... I learn a lot from them all and I will pass on anything I find out to  
try to help someone else out.

72,  
Steve KC5TTY  
Elgin, OK

-----  
Date: Thu, 17 Jan 2002 08:44:37 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: carlseye@tampabay.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [117708] Re: computers  
Message-ID: <3C46E355.12E2A880@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Got to

<http://www.qth.net>

and look over the list of reflectors and see if any deal with computers.  
That might be a starting point for you. Subscription to any list if free.

"Computer operation" is such a vague and broad term that it is hard to make  
any specific recommendation.

72/73/oo, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

carlseye-popserver wrote:

>

> This may be off topic but I think (or hope) there are others who might be  
> helped also!!

> does anyone know of a reflector list or whatever where nerds like me can  
> get some decent info on computer operation without costing an arm and/or a  
> leg, or both???

> carl / kz5ca

-----

Date: Thu, 17 Jan 2002 15:46:43 +0100  
From: "Ingo, DK3RED" <dk3red@t-online.de>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [117709] MFJ-259  
Message-ID: <3C46E3D3.95DF8304@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello QRPers,

My MFJ-259 function unfortunately not yet completely.

- all wires are OK (TNX Nick).
- knocking on the PCB without any reaction (TNX Steve).
- frequency switch is not dirty (TNX Dale).

Nevertheless thanks for your assistance!

> Unfortunately, MFJ does not release the schematics because of patent issues.

Mmh, Stuart wait still something. ;o) If I experienced more, I will post the results here on QRP-L.

Stay tuned!

--

72/73 de Ingo, DK3RED ( Don't forget: the fun is the power ! )  
dk3red@t-online.de [www.qsl.net/dk3red](http://www.qsl.net/dk3red) [www.t-online.de/~dk3red](http://www.t-online.de/~dk3red)  
DL-QRP-AG #824 (German QRP Activity Group) [www.dl-qrp-ag.de](http://www.dl-qrp-ag.de)

-----

Date: Thu, 17 Jan 2002 09:54:47 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: lmairs@cox.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [117710] Re: [QRPP-I] Elmer 001  
Message-ID: <3C46E5B7.5C051027@erols.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lee,

I've used many thousands of feet of their wire, both for winding toroids and for my stealth antennas, and I have never encountered insulation flaking off. My only suggestion is you might be winding it too tight and/or around sharp corners.

73

-----  
Date: Thu, 17 Jan 2002 09:59:58 -0500  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: <qrp-l@lehigh.edu>  
Subject: [117711] Hamstick  
Message-ID: <6579C6377F475547985F0B3E426E1626140353@OCCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi

Does anyone have a url for the company that=20  
makes the hamstick antennas. I would like to=20  
see what they look like.

Marty

-----  
Date: Thu, 17 Jan 2002 10:01:25 -0500  
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: <qrp-l@lehigh.edu>  
Subject: [117712] Hamstick  
Message-ID: <6579C6377F475547985F0B3E426E1626140354@OCCLUST01EVS1.ugd.att.com>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi again

Never mind on the url for hamstick.  
I should have gone to google first.

Marty

-----  
Date: Thu, 17 Jan 2002 10:03:47 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: K5BDZ@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [117713] Re: 49 MHz talkies in Europe  
Message-ID: <3C46E7D3.C54CFD29@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill,

The 49 mHz band will probably be used for something else in Europe. It may depend on the country. I know that Radio Control frequencies are vastly different there than here in America. I would not suggest you try to take the walkie talkies along until you have checked their operation with the appropriate authorities! At a minimum, check with the national radio club in the country you are planning to visit. This will avoid embarrassing things like being taken into police custody as a spy or a terrorist! Yes, these things have happened with things as simple as 27 mHz CB's! While they have relaxed their oversight of hams, they most all take a dim view of using the radio waves without permission!

73

-----  
Date: Sat, 12 Jan 2002 14:31:19 -0800  
From: "Bill Jones" <kd7s@psnw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [117714] Posting Test Message  
Message-ID: <000701c19bb8\$dc3c1f60\$358b6bd1@microsoft>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Like so many others, I have been unable to post to qrp-l for a while. I just disabled Norton Anti-virus to see if this message will get through.

=====

Bill Jones - KD7S <><  
Sanger, California  
=====

-----

Date: Sat, 12 Jan 2002 14:38:48 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [117715] Test Message with Netscape  
Message-ID: <3C40BAF8.174F6A24@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Like so many others, I have been unable to post to qrp-l for several weeks. I have reverted back to Netscape 4.1 to see if I can get a message through this way. Please do not respond.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----

Date: Thu, 17 Jan 2002 10:33:23 -0500  
From: Jake Brodsky <frussle@erols.com>  
To: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>  
Cc: qrp-l@lehigh.edu  
Subject: [117716] Re: Was: ADE mixers, Now: driving mixers  
Message-ID: <ilqd4u8nbnblttnq1go03khhac1tb0fr57@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Wed, 16 Jan 2002 18:53:24 -0800, Glen Leinweber wrote:

>Jake,  
> Good point. I think reflections from a sinewave wouldn't  
>cause quite as much current fluctuations in the switching

>diodes as reflections from a square wave. But reflections  
>would still cause transient ringing of some sort, and would  
>be disruptive.

It seems to me that many here are assuming that there is some sort of  
tuned circuit coupling between an amplifier with a sine wave output  
versus an amplifier with a square wave output. Yet, a mis-match is a  
mismatch --regardless of whether you're driving a sine wave or a  
square wave. =20

> Careful design of the L.O. interface to the mixer helps  
>in either case. If the oscillator finds a non-linear load  
>disruptive, or ringing products are generated, one way  
>to calm things down is to add a pad between 'em, so that  
>the L.O. sees a more linear load whose impedance it  
>likes. The pad absorbs any ringing coming back from the  
>mixer port. But it means that the L.O. must provide an  
>even larger signal to the pad than it did to a bare mixer.

Agreed. Pads help. But I'll take the devil's advocacy by the horns  
once again. Assume we've got some nice 6 dB pads feeding the mixer  
and that we're driving that mixer with a +13 dBm LO. Now, can anyone  
show how driving a mixer with a square wave is any worse than driving  
it with a sine wave. =20

Jake Brodsky, <mailto:frussle@erols.com>

"Nearly fifty percent of all graduates came from=20  
the bottom half of the class."

-----

Date: Thu, 17 Jan 2002 10:36:35 -0500  
From: Vince Santis <[vsantis@javanet.com](mailto:vsantis@javanet.com)>  
To: "QRP List (E-mail)" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [117717] Paddlette keyer  
Message-ID: <01C19F42.E8793500.vsantis@javanet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi,

I've just started to use the second memory in my paddlette keyer and have  
a question. Is there a reset delay for the second memory? BTW, I tried the  
paddlette web page and it appears to be discontinued.

Thanks,

Vince Santis,N1VS  
Winsted, CT  
NEQRP # 598  
PRP-L # 2372  
FISTS# 8053  
CC # 1161

-----  
Date: Thu, 17 Jan 2002 10:42:22 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <frussle@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117718] Re: Was: ADE mixers, Now: driving mixers  
Message-ID: <20020117154337.UU0B18740.imf16bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 1/16/02 3:21 PM, Jake Brodsky at frussle@erols.com wrote:

>>Do you have trouble imagining odd harmonics?  
>  
>No. Do you have trouble understanding diode switching?

Probably.

>In all seriousness, consider that a normal mixer has these products  
>anyway.

Aren't their amplitudes a lot lower, though?

> The whole point of a high level sine wave driven mixer is to  
>drive these diodes in to saturation so that they can switch. That  
>being the case, why would a sine wave be any better than a square  
>wave?

I suppose I'm thinking in the frequency domain. Wouldn't it be better to  
drive the diodes with a single frequency source, than with a mix of a  
fundamental and all the odd harmonics?

Bill Coleman, AA4LR, PP-ASEL           Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
    -- Wilbur Wright, 1901



-----  
Date: Thu, 17 Jan 2002 10:45:14 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <leon\_heller@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117719] Re: Was: ADE mixers, Now: driving mixers  
Message-ID: <20020117154629.XRIZ5845.imf17bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 1/16/02 4:27 PM, Leon Heller at leon\_heller@hotmail.com wrote:

>If you put a scope on the input to a diode mixer driven by a sine wave it  
>looks like a square wave. You might as well start off with one and get  
>faster switching.

Good point. Man, this reflector is great -- you learn something every  
time.

>BTW, all really high performance mixers in use currently use square wave  
>oscillator input, because they depend upon switching action.  
>  
>Harmonics don't really matter, with an up-converting front-end, because of  
>the input filter.

Up-conversion has its own problems. It's part of the reason the K2 has  
really good dynamic range characteristics for adjacent signals. Since  
there's no up-conversion, the first filter is really narrow. In typical  
up-conversions, the roofing filter is rather broad, which is a potential  
point for overload in later stages.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 17 Jan 2002 10:58:32 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [117720] Re: Hamstick  
Message-ID: <012901c19f6f\$d627bfc0\$010044c0@chartermi.net>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There are a number of antennas which have been marketed under the name "HamStick". I think they had some sort of legal settlement last year between the 4 or five companies involved. All the antennas look pretty much the same, but I wonder if the differences in people's experiences related here depends on the manufacturer of the antenna.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 17, 2002 10:01 AM  
Subject: Hamstick

> Hi again  
>  
> Never mind on the url for hamstick.  
> I should have gone to google first.  
>  
> Marty  
>

-----  
Date: Thu, 17 Jan 2002 11:34:59 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117721] Re: computers  
Message-ID: <5.0.2.1.0.20020117112947.00ae4ec0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:30 AM 1/17/2002 -0500, carlseye-popserver wrote:  
>This may be off topic but I think (or hope) there are others who might be  
>helped also!!  
> does anyone know of a reflector list or whatever where nerds like me can  
>get some decent info on computer operation without costing an arm and/or a  
>leg, or both???  
> carl / kz5ca

Please reply to the list as I'm sure many computer impaired folks like myself could use some help once in awhile but don't feel that this list is the proper forum.

Pete NV4V

-----  
Date: Wed, 16 Jan 2002 10:57:57 -0700 (MST)  
From: cherry@getnet.net  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [117722] Re: Was: ADE mixers, Now: driving mixers  
Message-ID: <1011203877.3c45bf25759d9@mail.getnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit

If the signal is a perfect square wave it is better than a sinewave. An easy way to get a very good square wave is to put in a perfect sinewave and let the matched diodes in the mixer change it to a near perfect square wave. At higher frequencies it is easier to get a good sinewave than it is to get a good square wave.

Jim W7ANF

Quoting Bill Coleman <aa4lr@arrl.net>:

> On 1/16/02 3:21 PM, Jake Brodsky at frussle@erols.com wrote:  
>  
> >>Do you have trouble imagining odd harmonics?  
> >  
> >No. Do you have trouble understanding diode switching?  
>  
> Probably.  
>  
> >In all seriousness, consider that a normal mixer has these products  
> >anyway.  
>  
> Aren't their amplitudes a lot lower, though?  
>  
> > The whole point of a high level sine wave driven mixer is to  
> >drive these diodes in to saturation so that they can switch. That  
> >being the case, why would a sine wave be any better than a square  
> >wave?  
>  
> I suppose I'm thinking in the frequency domain. Wouldn't it be better to  
>  
> drive the diodes with a single frequency source, than with a mix of a

> fundamental and all the odd harmonics?  
>  
>  
>  
> Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
> Quote: "Not within a thousand years will man ever fly!"  
>            -- Wilbur Wright, 1901  
>  
>  
>

-----  
Date: Thu, 17 Jan 2002 11:55:21 -0500  
From: David Adams <david@theadamsclan.com>  
To: qrp-l@lehigh.edu  
Subject: [117723] Go figure  
Message-ID: <3C4701F9.2080304@theadamsclan.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Well, my brother in law came over and we installed some new circuits in the basement of my Michigan home. I set up the workbenches and was planning on getting the station up and some kits started this weekend....

Yesterday, on my usual bicycle commute to work, I cruised over a patch of black ice, but failed to notice the 2nd patch of black ice immediately following. Result? One seriously broken leg.

AND MY NEW SHACK IS DOWN THE STAIRS!!!!!!!!!!!!!! I CAN'T GET DOWN THE STAIRS!

Oh well, I had my wife carry up my travel kit (K1-4, MP-1 and key), so I can get on the air...but go figure...

73 de dave, n9uxu

-----  
Date: Thu, 17 Jan 2002 12:34:37 -0500  
From: "Jim Stamper" <jstamper@shentel.net>  
To: <david@theadamsclan.com>,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117724] Re: Go figure  
Message-ID: <001501c19f7d\$3f1f9f90\$bc546fcc@jim>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dave,

So sorry about your leg. I hope it heals quickly.

Your wife is a fine lady to carry up a station for you!

73,  
jim-  
KG4LDY  
James H. Stamper  
519 Park Avenue  
Woodstock, VA 22664-1260  
540-459-8350

----- Original Message -----

From: "David Adams" <david@theadamsclan.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, January 17, 2002 11:55 AM  
Subject: Go figure

> Well, my brother in law came over and we installed some new circuits in  
> the basement of my Michigan home. I set up the workbenches and was  
> planning on getting the station up and some kits started this weekend....  
>  
> Yesterday, on my usual bicycle commute to work, I cruised over a patch  
> of black ice, but failed to notice the 2nd patch of black ice  
> immediately following. Result? One seriously broken leg.  
>  
> AND MY NEW SHACK IS DOWN THE STAIRS!!!!!!!!!!!!!! I CAN'T GET DOWN THE  
> STAIRS!  
>  
> Oh well, I had my wife carry up my travel kit (K1-4, MP-1 and key), so I  
> can get on the air...but go figure...  
>  
> 73 de dave, n9uxu  
>

-----  
Date: Thu, 17 Jan 2002 12:39:40 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: wb8rcr@arrl.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [117725] Re: Hamstick  
Message-ID: <3C470C5C.BC1594A4@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

"Hamstick" is the legally copyrighted trade name for antennas produced by Lakeview Antenna Company. To use the name if your antenna is not a Lakeview is a violation of Federal law! There are several other manufacturers of the same type of antennas, ProAm, and Outbacker, among them. Basically the difference in the units is found in two places, the size of the wire used for the winding and the method of fixing the metallic stinger. From experience I would say they all work about the same. The biggest difference you can make in them is the quality of eh ground you provide.

73

-----  
Date: Thu, 17 Jan 2002 11:43:25 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: jstamper@shentel.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [117726] Re: Go figure  
Message-ID: <3C470D3D.544BB7BA@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

And isn't this yet another wonderful aspect of QRP operation: a station small and light enough to be easily carried up the stairs! <:}

72/73/oo, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Jim Stamper wrote:

>

> Dave,

>  
> So sorry about your leg. I hope it heals quickly.  
>  
> Your wife is a fine lady to carry up a station for you!

-----  
Date: Thu, 17 Jan 2002 11:54:26 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [117727] help please  
Message-ID: <Pine.LNX.4.33.0201171150350.1616-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

With the huge amount of paper in my "paperless office" meaning my ham shack, I finally bought a shredder....of course while trying it out (gee it's fun!...ok, actually it's therapy!) I accidentally shredded the e-mail message I had printed out re tonight's fox hunt....would someone forward it to me please?...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
- Zone Alarm + AVG Virus Protection -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 17 Jan 2002 11:54:40 -0600  
From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>  
To: "Qrp-L (E-mail)" <qrp-l@lehigh.edu>  
Subject: [117728] Elmer 001  
Message-ID: <6436BBDD2887D411A2360000E866FEEE01F9CBAD@HOUEXCH045>  
MIME-Version: 1.0  
Content-Type: text/plain

A ham friend of mine told me I needed a special type of crystal for the Pixie2. Something about it being smaller than a regular one that I can buy at my local electronics parts outlet. Is this true and what do I need to know in order to get the right one?

Please post any responses only to the list. My employer is particular about the volume and type of email we get.

> Boliver Allmon, KC5PCS  
>  
> \*e-mail: Boliver.Allmon@Halliburton.com  
>  
>  
>

-----  
Date: Thu, 17 Jan 2002 12:10:39 -0600  
From: Ed Manuel <edmanuel@directvinternet.com>  
To: qrp-l@lehigh.edu  
Subject: [117729] Re: Hamstick  
Message-ID: <4.3.2.7.2.20020117114743.00c133a0@mail.directvinternet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:58 AM 1/17/02 -0500, you wrote:

> All the antennas look pretty much  
> the same, but I wonder if the differences in people's experiences related  
> here depends on the manufacturer of the antenna.

OK - an opinion. Everyone has them, of course.

I have experience with two - the Lakeview Hamstick and the antenna that resembles it manufactured by Pro-AM.

They are functionally/electrically identical. Performance to me is identically.

Physically, though, there is a clear advantage to the Pro-AM. The Hamstick finishes the top turn by going across the top of the fiberglass rod. If you were to look down in the hole for the stinger - you would notice the wire - and, in fact, the instructions note you should not force the stinger down into this hole for fear of damaging or shearing the wire. Note also that you have to cut the stinger to the frequency of interest as there is no where for the unwanted portion of the whip to go. Also, if you want to transport the Hamstick disassembled, you have to remove the whip with an allen wrench AFTER CAREFULLY MARKING IT since reassembly does not provide any clue where the whip should actually be installed. You did have to cut it so you can't get it too far off from where you tuned it.

The Pro-AM, on the other hand, has a fitting at the top of the antenna. This fitting allows for the whip to be adjusted to different



lengths, then locked with allen screws. The entire top fitting can be removed with a pair of small crescent wrenches for transport. This avoids completely the danger to the top turn of the coil and the ambiguity of reassembling the antenna. Additionally, the antenna is made from a hollow tube and allows the unused portion of the stinger whip to be lowered into the tube. So, after adjustment for resonance, you have avoided cutting the whip in case you want to re-tune it for a much lower frequency at a later time.

Again, no difference in the way they perform, just a significant difference in the way they were engineered for the real world.

I've owned and used both.

Ed, N5EM

Ed Manuel, N5EM     Houston, TX (Harris Co.) EL29  
Houston QRP Club, Houston Amateur Television Society  
<http://www.n5em.com/>     [n5em@amsat.org](mailto:n5em@amsat.org)

-----  
Date: 17 Jan 2002 08:11:23 -0500  
From: Caitlyn Martin <[ku4qd@qsl.net](mailto:ku4qd@qsl.net)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [117730] Hamsticks  
Message-ID: <1011273087.2355.31.camel@localhost.localdomain>  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Mime-Version: 1.0

On Thu, 2002-01-17 at 10:58, John J. McDonough wrote:

> There are a number of antennas which have been marketed under the name  
> "HamStick". I think they had some sort of legal settlement last year  
> between the 4 or five companies involved. All the antennas look  
pretty much  
> the same, but I wonder if the differences in people's experiences  
related  
> here depends on the manufacturer of the antenna.

Hi, John, and everyone else,

I have owned Hamsticks from Lakeview, and similar antennas from, Antron, Valor, and even Ten Tec. They all performed about the same, and they all performed well. I have used the 6, 10, 12, 15, and 20 meter versions with great success for SSB QRP mobile operation. I had very

little success on 40M SSB QRP with \*any\* antenna, and I do not feel comfortable even trying CW in the car. I generally run 50W if I want to get on 40M SSB. CW is another matter :)

I've compared the Hamsticks with the Outbacker TriSplit. Honestly, there isn't any real difference.

As always, YMMV....

72/73,  
Caity  
KU4QD

-----  
Date: Thu, 17 Jan 2002 13:34:50 -0500  
From: "Randy Randall" <RANDALLR@Healthall.com>  
To: <w0av@juno.com>, <qrp-1@Lehigh.EDU>  
Subject: [117731] Re: QRP Mobile w/Hamsticks  
Message-ID: <sc46d313.075@healthall.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

I can echo the same results with my setup. A hamstick type antenna on top = of a 54" Hustler mast. Over all height above ground 15' 4" (oops!). A = little over the legal 13.5', but I have never been stopped. =20

72  
Randy KB8ASO =20

Randy E. Randall  
Network Engineer  
The Health Alliance of Greater Cincinnati  
Phone 513-585-7146  
Fax 513-585-7159

>>> George Franklin <w0av@juno.com> 01/16/02 05:59PM >>>  
Hi Karl and All,

I have used a 20M Hamstick at 5W in the mobile on several occasions,

including QRP contests, with good results.

Haven't tried much with the 40M Hamstick at 5W but have made a few contacts.

FWIW and YMMV.

72 de George/W0AV  
SOC#101, COG#1  
Hamming since '35

-----  
Date: Thu, 17 Jan 2002 18:35:51 +0000  
From: k8cz@att.net  
To: qrp-1@Lehigh.EDU (QRP-L)  
Cc: fpqrp-1@mpna.com (The Pigs!), njqrp@njqrp.org (NJQRP)  
Subject: [117732] FDIM  
Message-ID:  
<20020117183552.URIC5540.mtiwmhc21.worldnet.att.net@webmail.worldnet.att.net>

OK, So I'm impatient. Anybody know when ARCI is going to start registration for FDIM. Seminar and Banquet--I don't need a room.

--  
73,72, 00  
FP #41 NJQRP #338 Fists #2360  
ARCI #9606 SOC #336 Norcal ARRL  
Hamilton, Ohio EM79ri  
Tom, K8CZ

-----  
Date: Thu, 17 Jan 2002 12:43:31 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [117733] Diode switching ... the rules?  
Message-ID: <01C19F54.92337680.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I've built several circuits where diode (electronic) switching is used to switch some capacitance or inductance in and out of a circuit. Typically, this might be to shift the VFO between transmit and receive. But I haven't really tried doing it myself in my own design. What are the rules?

Typically, you'll want to switch in some capacitance across a tank to ground to make it be active, and leave the cap floating when not active.

So the cap goes from the tank thru a 1N914 and to ground (cathode to ground). A DC control line connects at the junction of the cap and diode.

It's fed thru a choke or a resistor. When DC voltage is applied, current flows thru the diode and this creates a path for RF through the capacitor and diode to ground.

Just guessing, I reckon the DC current would need to be larger than the peak RF current(?). And the RF voltage shouldn't exceed 0.7 volts peak, to prevent turning on the diode with not control signal present(?) What if it is bigger than 0.7 volts? Some sort of scheme to reverse bias the thing?

If there's a big blocking cap between the cathode and ground, it would charge to the peak and block conduction. But then there would have to be a big resistor to ground in parallel with the blocking cap, to provide the DC bias path.

How about using a transistor instead of a diode? That should handle a lot more voltage, eh?

Any pointer and rules of thumb for me?

72--Nick, WA5BDU

<http://www.cswnet.com/~nkennedy/>

-----  
Date: Thu, 17 Jan 2002 14:13:32 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <w6toy@erols.com>  
Subject: [117734] Re: Hamstick  
Message-ID: <005a01c19f8b\$2aa03ee0\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This was my belief until last summer. I walked into a radio shop in New Jersey and saw a bunch of "Hamsticks" on the wall that didn't look quite like the one on my car.

The shopkeeper indicated that a number of companies had been making antennas called Hamsticks, and that there had been a copyright suit to settle the claim to the name. I believe that Lakeview won that suit, but prior to

that, several companies had been selling antennas called Hamsticks. The antennas he had were produced prior to that suit.

If someone on the list picked up a "Hamstick" before last year, and hasn't been Hamstick shopping since, he could very well have an antenna produced by someone else, and we all could be talking about different antennas. Right now, today, if you buy a Hamstick it will most likely have been made by Lakeview, but that was not always the case.

The thing that made me question whether this is the difference people talk about is that my installation, which works quite well, is about as poor an installation as you can get. I use my Hamstick (from Lakeview btw) on my wife's car, with poor grounds and a mag mount. Normally we take my wife's car on vacation, and that's my chance to operate HF mobile. So once or twice a year I pop the Icom into the car. Now that I have the newer car, I'm going to have to figure out how to get an HF lashup in it, and the car appears to have been carefully designed to thwart such an attempt. But that's another story.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 17, 2002 12:39 PM  
Subject: Re: Hamstick

> John,  
>  
> "Hamstick" is the legally copyrighted trade name for antennas produced  
> by Lakeview Antenna Company. To use the name if your antenna is not a  
> Lakeview is a violation of Federal law! There are several other  
> manufacturers of the same type of antennas, ProAm, and Outbacker, among  
> them. Basically the difference in the units is found in two places, the  
> size of the wire used for the winding and the method of fixing the  
> metallic stinger. From experience I would say they all work about the  
> same. The biggest difference you can make in them is the quality of eh  
> ground you provide.  
>  
> 73

-----  
Date: Thu, 17 Jan 2002 13:18:05 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [117735] RE: Go figure  
Message-ID: <01C19F59.67AA3C00.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Ouch! Now I'm feeling a little less self pity over missing a week's work with a herniated disk.

The low point is reached when a proud man goes into the package store and tells the clerk, give me a case of Busch and a case of Coors ... and would you please carry them to the car for me? Ugh!

Growing older ... it's not for the faint of heart.

72--Nick, WA5BDU

-----Original Message-----

From: David Adams [SMTP:david@theadamsclan.com]

but failed to notice the 2nd patch of black ice immediately following.

-----  
Date: Thu, 17 Jan 2002 14:20:20 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: k8cz@att.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [117736] Re: FDIS  
Message-ID: <3C4723F4.4335DF7F@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

IF you don't need a room, you can probably register at the door! At least that os what we used to do, when we founded it!

73

-----  
Date: Thu, 17 Jan 2002 14:18:38 -0500  
From: "d l" <nr2v@northnet.org>  
To: <qrp-1@Lehigh.EDU>  
Subject: [117737] any QRPers in Miami-Dade Fla?

Message-ID: <018c01c19f8b\$c4fbee80\$bd25eed8@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am anticipating relocating to So. Florida (homestead area) and wonder if there are any hams on the list in that area. Reply direct please.

72/73  
Dean

-----  
Date: Thu, 17 Jan 2002 14:31:51 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: "John J. McDonough" <wb8rcr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [117738] Re: Hamstick  
Message-ID: <3C4726A7.58DB417E@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

Since I can remember, the Lakeview antennas have been marketed under the name HAMSTICK. Later copies may have tried to take advantage of the name. They probably were found in violation of the Federal copyright statute. There probably also is no requirement placed on retailers to mask out the old names on the products they have in stock! Perhaps the manufacturer was instructed to provide new labels, but who knows if he did!

As far as your installation is concerned, the quality of the installation depends on the quality of your mag mount! There used to be mag mounts sold that had multiple magnets on them, maybe they still are! There used to be mag mounts that came with a mylar sheet under them. All were attempts to control the effects of wind on the antenna and improve ground.

You don't say what power level you use on HF mobile. The higher your output power the better any mount will work! I used to have a VW vanagon, with a pop top. I had a Hustler system mounted on the fiberglass front of the pop top. It worked very well at 100 watts, it also worked very well at 20 watts input on 10 meters. The only ground it had was a SINGLE wire running from the base of the ball mount back

along the interior of the van!

73

-----  
Date: Thu, 17 Jan 2002 14:39:49 -0500  
From: "Brian" <brian@iquest.net>  
To: <w6toy@erols.com>,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117739] Re: FDIM  
Message-ID: <001901c19f8e\$ba0b7510\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yeah but then Bruce you can sit around for two months fondling your ticket receipt and dreaming of the big event!!

You guys sure started a wonderful wonderful program. Thanks!

----- Original Message -----  
From: "Bruce Muscolino" <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 17, 2002 2:20 PM  
Subject: Re: FDIM

> IF you don't need a room, you can probably register at the door! At  
> least that is what we used to do, when we founded it!  
>  
> 73  
>

-----  
Date: Thu, 17 Jan 2002 11:53:11 -0800  
From: Bill Vodall - WA7NWP <wa7nwp@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117740] Re: Hamstick  
Message-ID: <200201171155567.SM02884@know>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>As far as your installation is concerned, the quality of the



>installation depends on the quality of your mag mount! There used to be  
>mag mounts sold that had multiple magnets on them, maybe they still  
>are! There used to be mag mounts that came with a mylar sheet under  
>them. All were attempts to control the effects of wind on the antenna  
>and improve ground.

I use Hamsticks with a triple mag mount on the roof of my Subaru wagon.  
It receives well on 40 but transmitting performance seemed less than expected.  
We found that simply putting hands on the magnets would drastically change the  
SWR when testing with a MFJ-259. I will soon be adding multiple ground wires  
"somehow" from the mag-mount base to the car body.

73,  
Bill - WA7NWP

-----  
Date: Thu, 17 Jan 2002 11:59:03 -0800 (PST)  
From: Wayne Williams <aa5jj@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [117741] HELP WITH TRANSVERTER  
Message-ID: <20020117195903.57121.qmail@web10507.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have a "Taniguchi Engineering Traders" Transverter  
Model TRV-2010, it is suppose to be 10 meters to 2  
meters but I do not have the book on it nor can I find  
one for it can any one help me please.  
Wayne AA5JJ

reply to aa5jj1@cox.net

-----  
Do You Yahoo!?  
Send FREE video emails in Yahoo! Mail!  
<http://promo.yahoo.com/videomail/>

-----  
Date: Thu, 17 Jan 2002 15:08:08 -0500  
From: "Dean LaClair" <nr2v@northnet.org>  
To: "low power discussion" <qrp-1@Lehigh.EDU>  
Subject: [117742] Argonaut 509/405/208/PS  
Message-ID: <042f01c19f92\$b08c2260\$bd25eed8@oemcomputer>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Nice shape  
Cleaning off the shelves...  
Moving soon  
425 shipped conus  
72/73 Dean

-----  
Date: Thu, 17 Jan 2002 15:49:08 -0500  
From: Ken Newman <N2CQ@dandy.net>  
To: EPA-QRP@yahoogroups.com, QRP-L@lehigh.edu, njqrp@njqrp.org,  
n9avg@amsat.org  
Subject: [117743] [CONTEST] QRP Contest Calendar Jan 17-31  
Message-ID: <3.0.6.32.20020117154908.00934440@mail.dandy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
N2CQ QRP CALENDAR

JANUARY 17-31, 2002  
~~~~~

40 METER FOXHUNTS

Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
Info: <http://www.zianet.com/k5di/fox/>

Truffle Hunt - Tue & Thur - 30 min before Fox Hunt  
Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)  
~~~~~

070 Club PSK Contest ... QRP Category

Jan 19 - 0000z to 2400z

Rules: <http://www.arrl.org/contests/months/jan.html>

"QRP PSK on the air"

~~~~~  
Michigan QRP Club Contest (CW) ... QRP Contest!

Jan 19 - 1200z to Jan 20 - 2359z

Rules: <http://www.qsl.net/miqrpclub>

"Excellent QRP-ARCI Contest Training Session"

~~~~~  
LZ OPEN CONTEST 2001 (CW 80M/40M) ...QRP Category

Jan 19 - 1200z to 2000z

Rules: <http://www.qsl.net/lz1fw/lzopen/>

"Work anyone. 6 digit exchange. (QSO# sent + QSO# rcvd from last QSO)"

~~~~~  
North American QSO Party (SSB)

Jan 19 - 1800z to Jan 20 - 0600z

Rules: <http://www.ncjweb.com/naqprules.html>

"Beginner's Favorite #2"

~~~~~  
CQ WW 160-Meter DX Contest (CW) ... QRP Category

Jan 25 - 2200z to Jan 27 - 1600z

Rules: <http://www.cq-amateur-radio.com/cq160rules.html>

"QRP is a real test 160 meters. Try it."

~~~~~  
REF French Contest (CW)

Jan 26 - 0600z to Jan 27 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"

~~~~~  
BARTG Sprint Contest (Digital)

Jan 26 1200z to Jan 27 1200z

Rules: <http://www.bartg.demon.co.uk/>

"More RTTY this month"

~~~~~  
UBA DX Contest (Belgian) (SSB) ... QRP Category

Jan 26 - 1300z to Jan 27 1300z

Rules: <http://www.uba.be/HF/conrules/UBArulesfor.htm>

"Very good QRP entry. Work anyone"

~~~~~  
Kansas QSO Party (All) (HF/VHF)

Date Jan 26 - 1800z to Jan 27 - 1800z

Rules: <http://www.ksarrl.net/qso/2002ksqso.htm>

"Non-QRP but you can win anyway."

~~~~~  
Thanks to WA7BNM, K3WWP, SM3CER, ARRL and others  
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

\*\*\*\* QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>

N2CQ@ARRL.NET

<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Thu, 17 Jan 2002 11:34:26 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [117744] Re: 49 MHz talkies in Europe  
Message-ID: <3.0.6.32.20020117113426.007a4500@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Bill,

>

>The 49 mHz band will probably be used for something else in Europe. It

Probably cordless phones, just like here. But wasn't he asking about the cheap little "personal" radios? These are VHF or UHF radios, I forget exactly where they operate, but I know it's not 49 MHz though! I don't know if thier legal anywhere but in the US, where a special band was created for them, pushed primarily by Motorola who came up with the concept. But Judging by thier popularity and the number of manufactures of them now, I bet they are popping up all over Europe by now.

72,

Steve, KD1JV

"Melt Solder"

White Mountians of New Hampshire

<http://www.qsl.net/kd1jv/>

-----  
Date: Thu, 17 Jan 2002 22:03:38 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU  
Subject: [117745] Re: 49 MHz talkies in Europe  
Message-ID: <F230ZV7NhGtK25DgRbw00001fb1@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: Steven Weber <kd1jv@moose.ncia.net>

>Reply-To: kd1jv@moose.ncia.net

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: Re: 49 MHz talkies in Europe  
>Date: Thu, 17 Jan 2002 11:34:26 -0500  
>  
> >Bill,  
> >  
> >The 49 mHz band will probably be used for something else in Europe. It  
>  
>Probably cordless phones, just like here. But wasn't he asking about the  
>cheap little "personal" radios? These are VHF or UHF radios, I forget  
>exactly where they operate, but I know it's not 49 MHz though!

Some years ago I remember seeing some 49 MHz radios here in the UK. I wondered whether it would be feasible to put them on 6 metres. I'm not sure if they were legal here.

However, the current license-free radios (PMR-464) I've seen advertised operate on 464 MHz. They are often sold for 'family use'.

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

---

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: Thu, 17 Jan 2002 22:10:11 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU  
Subject: [117746] Re: 49 MHz talkies in Europe  
Message-ID: <F2049DThuA0yvuga7kD0000025e1@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Sorry, I got it wrong. The new standard for license-free radios is PMR-446, operating on 446MHz. They can be used anywhere in Europe and are made by Motorola as well as the big three Japanese amateur radio manufacturers.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

-----  
Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
Date: 17 Jan 2002 12:19:47 -0500  
From: Caitlyn Martin <ku4qd@qsl.net>  
To: qrp-1@lehigh.edu  
Subject: [117747] Limited space in car  
Message-ID: <1011287996.2355.53.camel@localhost.localdomain>  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Mime-Version: 1.0

Hi, John,

> Now that I have the newer car, I'm going to have to figure out  
> how to get an HF lashup in it, and the car appears to have  
> been carefully designed to thwart such an attempt. But  
> that's another story.

This is a great application for a Yaesu FT-817. It's the only HF (and VHF/UHF) rig that will fit in one of the storage slots \*in\* the console of my 2001 Ford Escape. I've done QRP SSB mobile, and on 20M and above it does work, with 6 (when open), 10, 12, and 15M being the best.

73,  
Caity  
KU4QD

-----  
Date: Thu, 17 Jan 2002 17:47:53 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Cc: <ku4qd@qsl.net>  
Subject: [117748] Re: Limited space in car  
Message-ID: <026e01c19fa9\$0117a220\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

The problem isn't mounting the radio. I'm sure the 706 will fit in there. The problem is getting from the passenger compartment to the trunk. There's a whole pile of paraphernalia inbetween. The only thing I can see so far is to go underneath, but then I have the problem of sealing a hole in the floor, likely quite a challenge.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Caitlyn Martin" <ku4qd@qsl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 17, 2002 12:19 PM  
Subject: Limited space in car

> Hi, John,  
>  
> > Now that I have the newer car, I'm going to have to figure out  
> > how to get an HF lashup in it, and the car appears to have  
> > been carefully designed to thwart such an attempt. But  
> > that's another story.  
>  
> This is a great application for a Yaesu FT-817. It's the only HF (and  
> VHF/UHF) rig that will fit in one of the storage slots \*in\* the console  
> of my 2001 Ford Escape. I've done QRP SSB mobile, and on 20M and above  
> it does work, with 6 (when open), 10, 12, and 15M being the best.  
>  
> 73,  
> Caity  
> KU4QD  
>  
>  
>  
>

-----  
Date: Thu, 17 Jan 2002 18:43:47 -0500  
From: "carlseye-popserver" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [117749] computer help  
Message-ID: <008f01c19fb0\$d107e2e0\$2e211c18@tampabay.rr.com>  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry for the delay, folks. had to replace a water pump on the xyl's car.  
Anyway, I guess my original post on computer help was a little vague at  
that!!!

what I need is for someone with lot's of computer knowledge to e- mail  
themselves to me and sit behind me and tell me everything I need to know!!!  
the problem is the fact that this machine is always doing strange things,  
little things that drive me nuts. sometimes it's slower than you know what,  
or I can't get it to do what I think it should do, and of couse I never  
write anything down so I can't remember what it wouldn't do even this  
morning. I'm getting ready to look at a new machine( this one is ten years  
old and kinda slow, and very little memory, etc!!

I just asked that question here because I think there are better places to  
discuss computers in general than on a list like this. this list is better  
left to qrp ops. and tech. discussions. If any of you see it differently  
that's fine, but in general there isn't much discussion of the computer end  
of things on any reflector that I know about, except as it relates to maybe  
using one to control a rig of some sort.

well , I'm rambling on here so better shut up  
have a good day folks!!!

carl / kz5ca p.s. I checked on some computer tutors and they all want  
10-15 up to 35-50 an hour!! too rich for my blood!!!!!!

-----  
End of QRP-L Digest 2438

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